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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

11-20-2020

2020-11-20_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



**DATA ABOUT
PLACES**

LONG TERM CARE FACILITIES

**CORONAVIRUS
SYMPTOMS**

**CUMULATIVE
RECOVERED**

**OUTBREAK
REPORTING**



**SCHOOL-RELATED
OUTBREAK REPORTING**

**WASTEWATER
SURVEILLANCE**



TESTING
TURNAROUND
TIME

Current COVID-19 Statewide Data Trends: Information on testing, disease trends, outbreaks, hospitalizations, deaths and the virus trajectory. [Click here to view a live presentation of the data.](#)

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

19-199

200-872

873-4343

4344-39628

39629+

Michigan

Friday, November 20, 2020

Michigan (Statewide) Case Fatality Rate

2.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	295,177	8,377
Probable	26,004	397
Total	321,181	8,774

Laboratory Testing

Test Type	Tests Performed
Diagnostic	6,137,085
Serology	353,571
Total	6,490,656

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/4

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	6.06%	2.64%
Non-Hispanic Latino	68.55%	84.99%
Unknown	25.39%	12.37%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.99%	1.93%
Non-Arab	50.09%	50.78%
Unknown	46.92%	47.28%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 11/20/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date
of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/13/2020): **138,862**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 13, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to October 14, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

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COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

Deaths by County

0

1-6

7-39

40-284

285-1686

1687+

Michigan

Friday, November 20, 2020

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Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date or last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

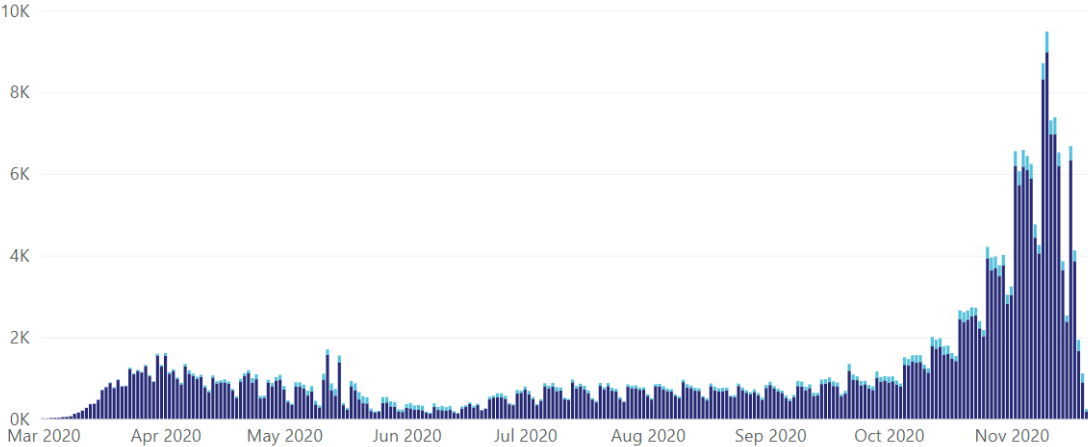
The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

Filter by Date:

3/1/2020 11/20/2020

Cases by Date of Onset

Case Status Confirmed Probable



CURRENT STATUS

DAILY CASES

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Confirmed Cases

Deaths

View Table

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All

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All

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Daily Deaths by Status

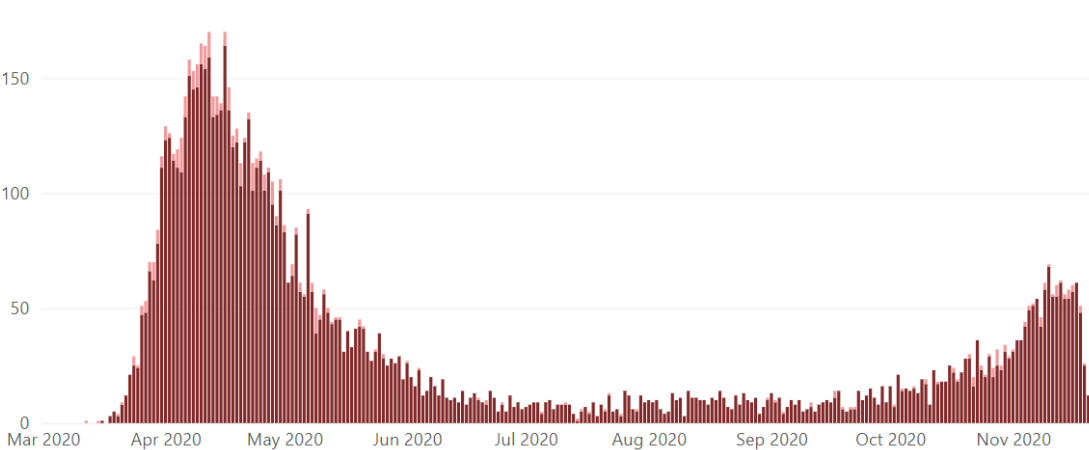
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020 11/20/2020

Deaths by Date of Death

Case Status Confirmed Probable



View Table

View Chart

Select Preparedness Region:

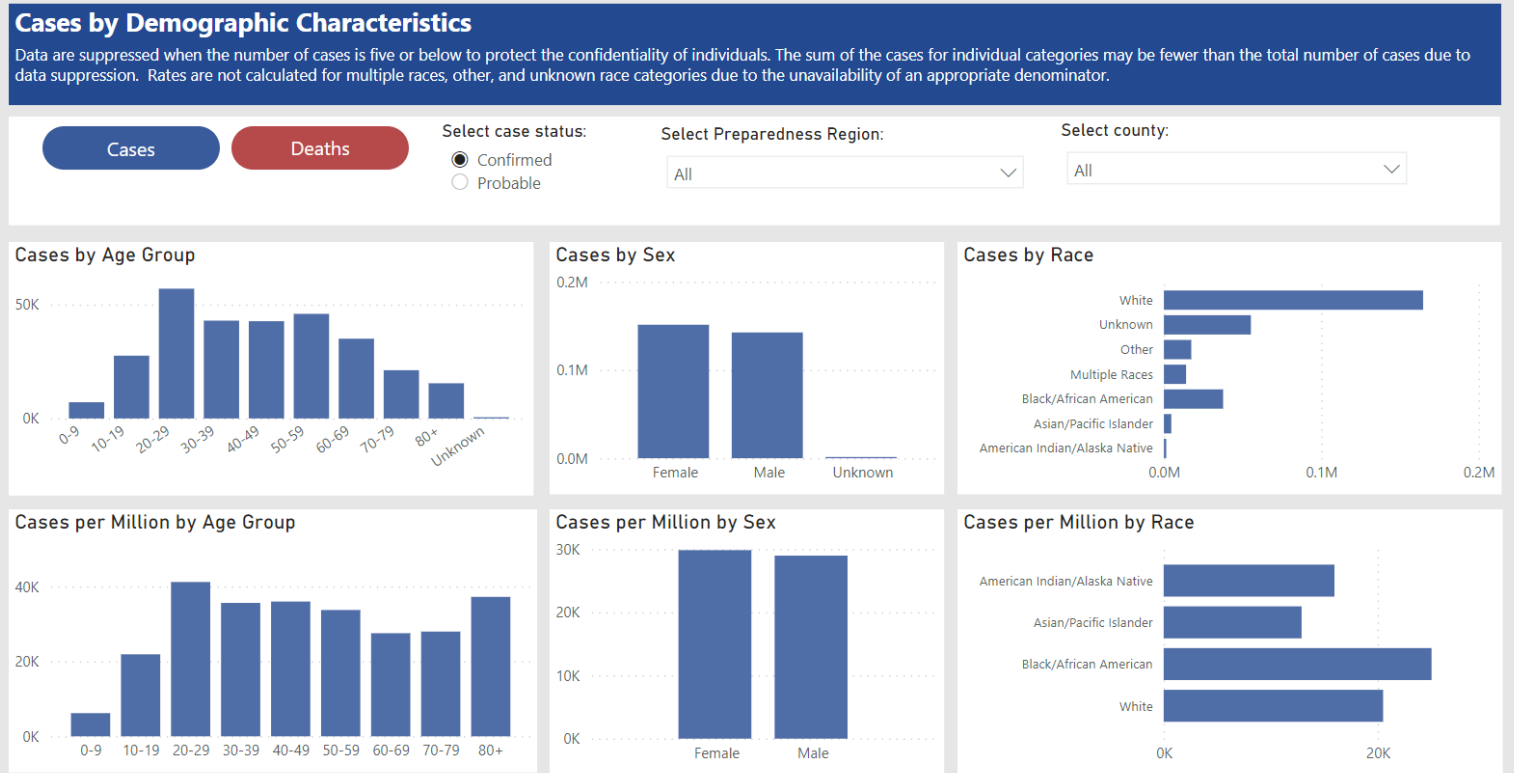
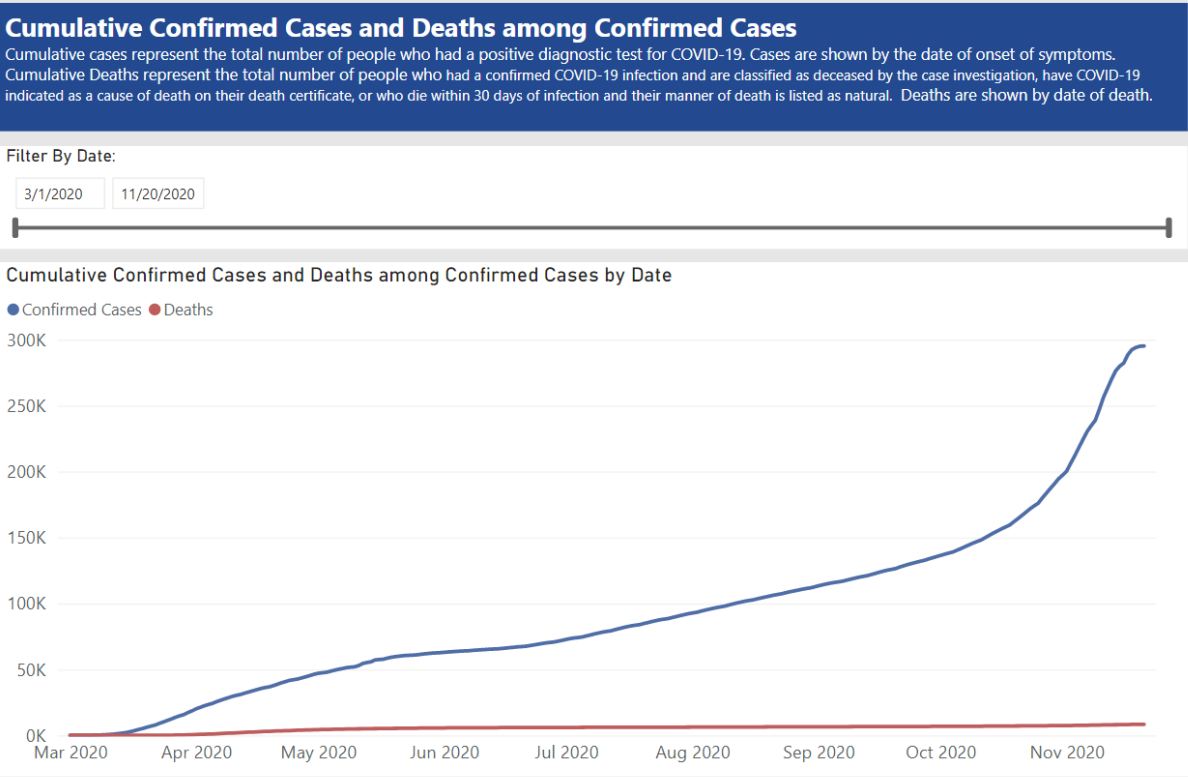
All

Select County:

All

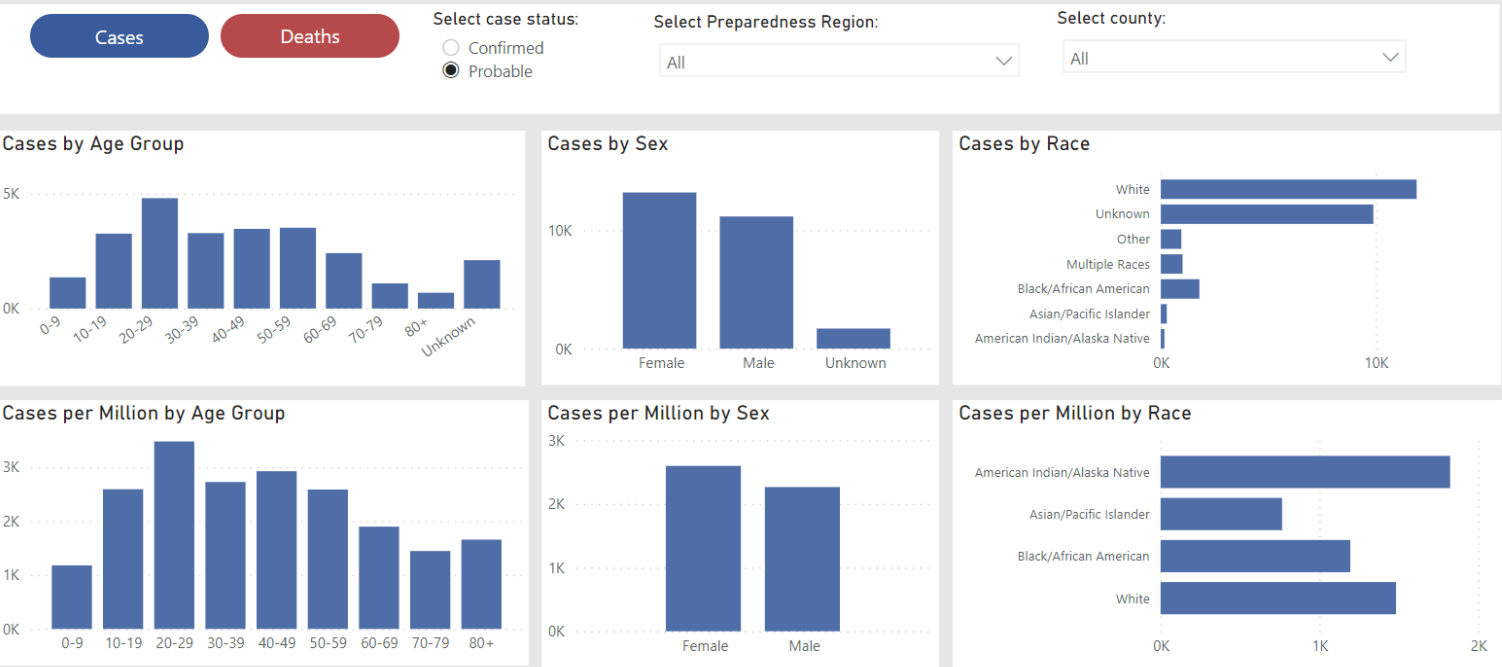
Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.



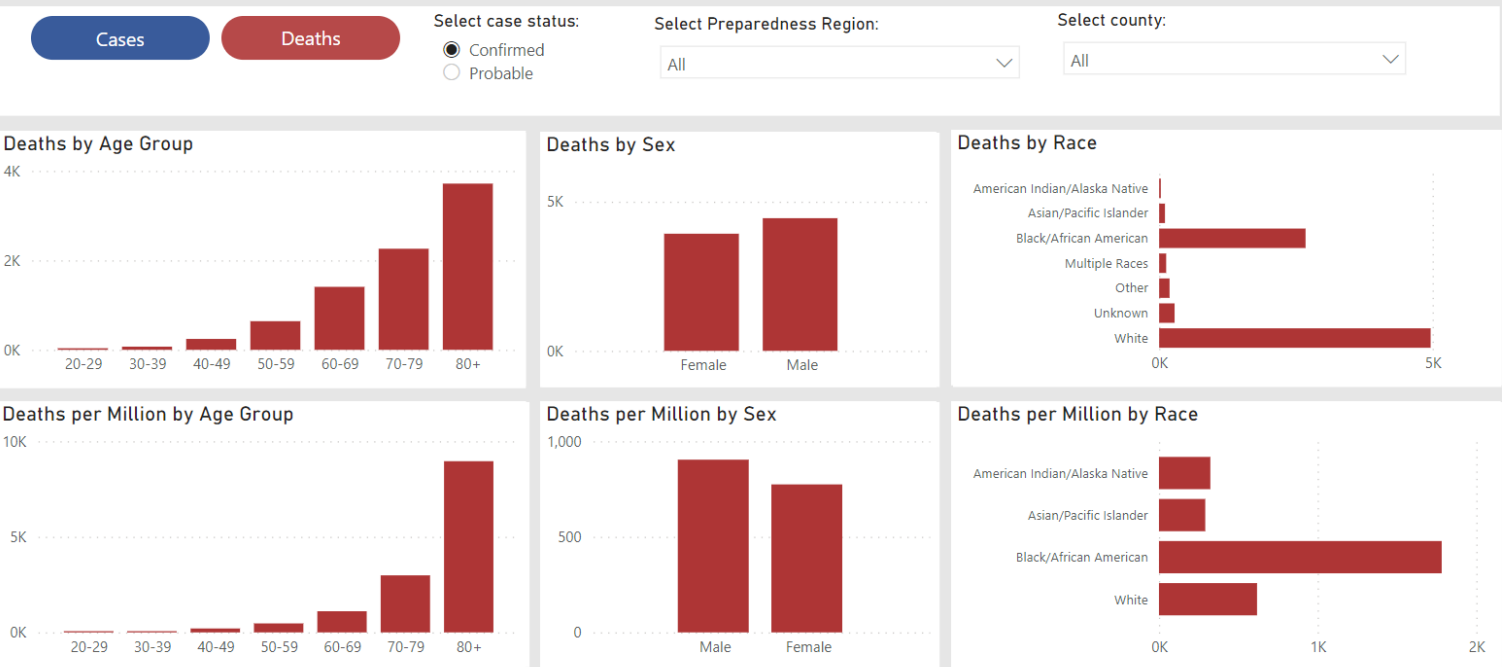
Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Demographic Characteristics

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View Table

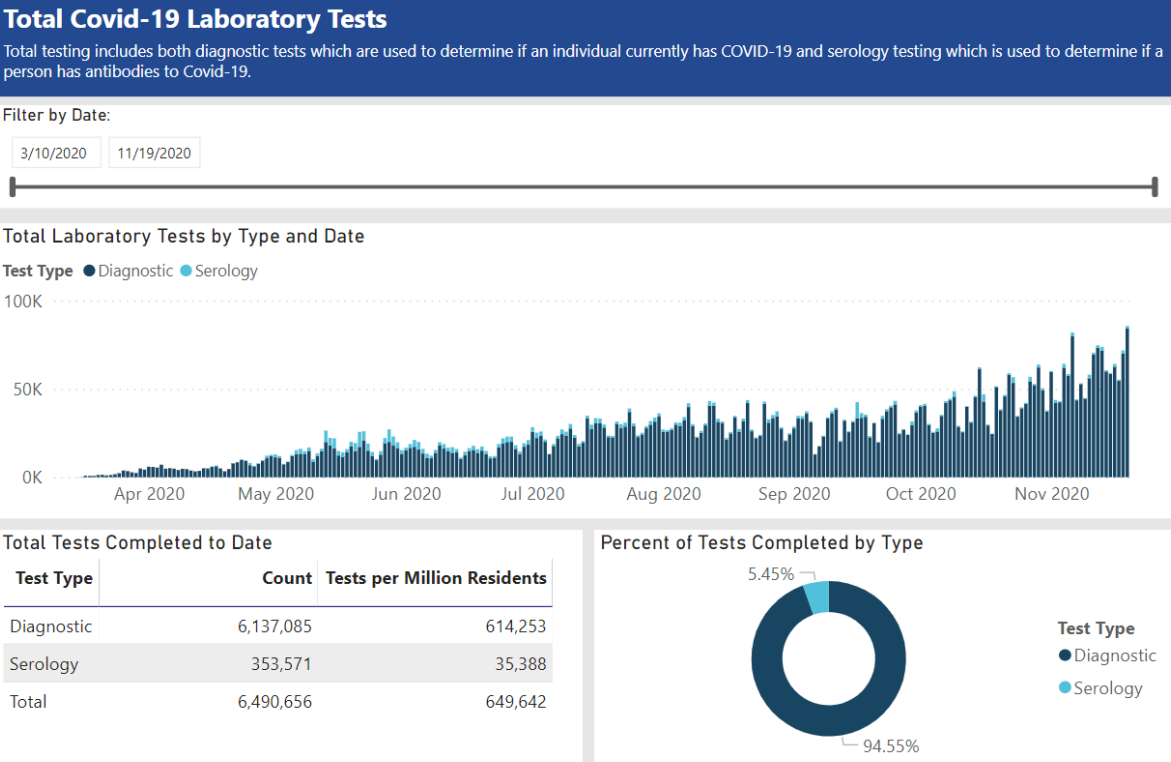
View Charts

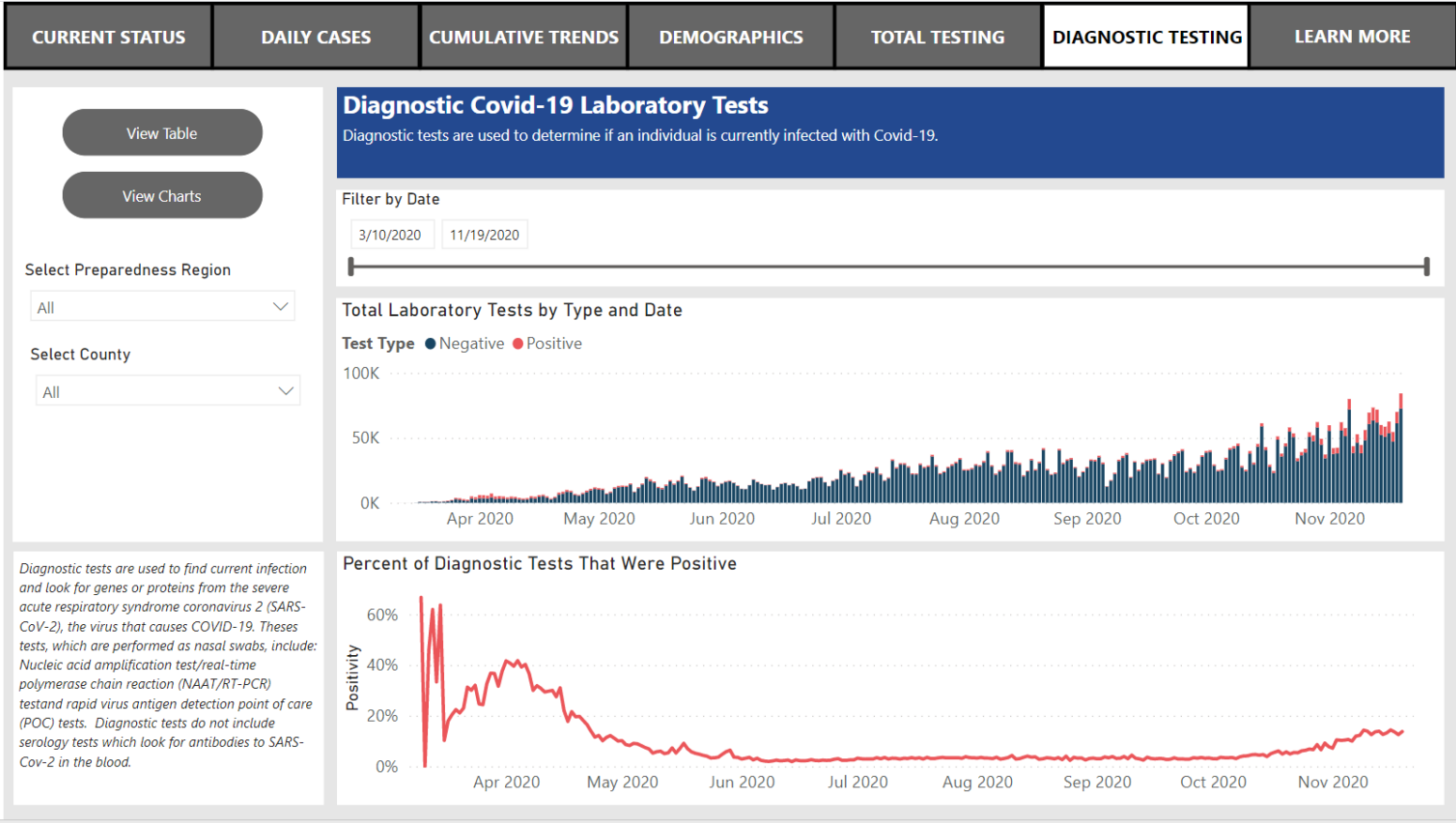
Select Preparedness Region:
All

Select County:
All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-11-20

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/11/20 15:03:41	Alcona	113	3	11	0
2020/11/20 15:03:41	Alger	139	1	61	1
2020/11/20 15:03:41	Allegan	2936	18	276	1
2020/11/20 15:03:41	Alpena	384	16	48	0
2020/11/20 15:03:41	Antrim	294	5	19	0
2020/11/20 15:03:41	Arenac	263	11	34	0
2020/11/20 15:03:41	Baraga	333	5	52	0
2020/11/20 15:03:41	Barry	1549	11	103	0
2020/11/20 15:03:41	Bay	3355	80	145	0
2020/11/20 15:03:41	Benzie	248	4	27	0
2020/11/20 15:03:41	Berrien	4962	102	374	4
2020/11/20 15:03:41	Branch	1709	23	189	3
2020/11/20 15:03:41	Calhoun	4669	105	594	5
2020/11/20 15:03:41	Cass	1702	28	163	0
2020/11/20 15:03:41	Charlevoix	403	5	40	0
2020/11/20 15:03:41	Cheboygan	348	15	36	0
2020/11/20 15:03:41	Chippewa	282	2	355	1
2020/11/20 15:03:41	Clare	534	22	76	0
2020/11/20 15:03:41	Clinton	2157	18	184	0
2020/11/20 15:03:41	Crawford	257	5	18	0
2020/11/20 15:03:41	Delta	2031	47	230	9
2020/11/20 15:03:41	Dickinson	1405	28	70	2
2020/11/20 15:03:41	Eaton	2349	27	161	0
2020/11/20 15:03:41	Emmet	779	26	44	0
2020/11/20 15:03:41	Genesee	10628	364	1571	29
2020/11/20 15:03:41	Gladwin	530	7	96	1
2020/11/20 15:03:41	Gogebic	504	10	185	10
2020/11/20 15:03:41	Grand Traverse	1373	17	144	0
2020/11/20 15:03:41	Gratiot	1489	25	106	0
2020/11/20 15:03:41	Hillsdale	1207	32	91	2
2020/11/20 15:03:41	Houghton	1167	9	244	2
2020/11/20 15:03:41	Huron	476	12	99	0
2020/11/20 15:03:41	Ingham	7444	97	154	0
2020/11/20 15:03:41	Ionia	1787	12	56	0
2020/11/20 15:03:41	Iosco	513	18	69	1
2020/11/20 15:03:41	Iron	623	27	36	4
2020/11/20 15:03:41	Isabella	1832	17	228	0
2020/11/20 15:03:41	Jackson	3932	86	60	2
2020/11/20 15:03:41	Kalamazoo	6984	149	1191	5
2020/11/20 15:03:41	Kalkaska	265	4	22	0
2020/11/20 15:03:41	Kent	26281	280	1425	5
2020/11/20 15:03:41	Keweenaw	50	1	10	0
2020/11/20 15:03:41	Lake	156	1	4	0
2020/11/20 15:03:41	Lapeer	1623	46	248	1
2020/11/20 15:03:41	Leelanau	282	2	23	0
2020/11/20 15:03:41	Lenawee	1972	22	79	0
2020/11/20 15:03:41	Livingston	3906	39	438	1

2020/11/20 15:03:41	Luce	110	0	43	0
2020/11/20 15:03:41	Mackinac	190	0	49	0
2020/11/20 15:03:41	Macomb	29667	1151	1497	52
2020/11/20 15:03:41	Manistee	278	5	19	0
2020/11/20 15:03:41	Marquette	2206	25	257	0
2020/11/20 15:03:41	Mason	460	6	38	0
2020/11/20 15:03:41	Mecosta	973	7	40	0
2020/11/20 15:03:41	Menominee	1041	12	110	0
2020/11/20 15:03:41	Midland	2154	21	346	2
2020/11/20 15:03:41	Missaukee	210	2	21	0
2020/11/20 15:03:41	Monroe	3799	55	418	1
2020/11/20 15:03:41	Montcalm	1352	21	148	0
2020/11/20 15:03:41	Montmorency	100	2	12	0
2020/11/20 15:03:41	Muskegon	5903	140	125	0
2020/11/20 15:03:41	Newaygo	1251	13	35	0
2020/11/20 15:03:41	Oakland	34253	1247	5376	55
2020/11/20 15:03:41	Oceana	981	11	44	0
2020/11/20 15:03:41	Ogemaw	346	10	37	0
2020/11/20 15:03:41	Ontonagon	229	10	25	0
2020/11/20 15:03:41	Osceola	357	2	46	0
2020/11/20 15:03:41	Oscoda	92	2	21	0
2020/11/20 15:03:41	Otsego	566	14	54	1
2020/11/20 15:03:41	Ottawa	10796	113	468	8
2020/11/20 15:03:41	Presque Isle	163	1	21	1
2020/11/20 15:03:41	Roscommon	394	7	71	0
2020/11/20 15:03:41	Saginaw	6826	190	372	6
2020/11/20 15:03:41	Sanilac	508	11	9	1
2020/11/20 15:03:41	Schoolcraft	154	1	9	1
2020/11/20 15:03:41	Shiawassee	1519	36	54	1
2020/11/20 15:03:41	St Clair	3070	74	457	2
2020/11/20 15:03:41	St Joseph	1999	29	229	1
2020/11/20 15:03:41	Tuscola	1274	44	120	0
2020/11/20 15:03:41	Van Buren	2132	29	142	2
2020/11/20 15:03:41	Washtenaw	7645	128	847	1
2020/11/20 15:03:41	Wayne	33472	1403	2798	56
2020/11/20 15:03:41	Wexford	431	12	29	0
2020/11/20 15:03:41	MDOC	10648	79	211	0
2020/11/20 15:03:41	FCI	193	5	5	0
2020/11/20 15:03:41	Out-of-State	846	4	27	1
2020/11/20 15:03:41	Unknown	9	0	10	0
2020/11/20 15:03:41	Detroit City	18355	1571	1475	116

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-11-20

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	26	0
Confirmed	10-19	American Indian/Alaska Native	Female	96	0
Confirmed	20-29	American Indian/Alaska Native	Female	171	0
Confirmed	30-39	American Indian/Alaska Native	Female	134	0
Confirmed	40-49	American Indian/Alaska Native	Female	111	0
Confirmed	50-59	American Indian/Alaska Native	Female	121	0
Confirmed	60-69	American Indian/Alaska Native	Female	65	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	43	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	17	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	65	0
Confirmed	10-19	Asian/Pacific Islander	Female	230	0
Confirmed	20-29	Asian/Pacific Islander	Female	477	0
Confirmed	30-39	Asian/Pacific Islander	Female	448	0
Confirmed	40-49	Asian/Pacific Islander	Female	401	0
Confirmed	50-59	Asian/Pacific Islander	Female	367	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	195	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	91	11
Confirmed	80+	Asian/Pacific Islander	Female	83	27
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	309	Suppressed
Confirmed	10-19	Black/African American	Female	947	Suppressed
Confirmed	20-29	Black/African American	Female	3281	6
Confirmed	30-39	Black/African American	Female	3049	9
Confirmed	40-49	Black/African American	Female	2926	57
Confirmed	50-59	Black/African American	Female	2766	116
Confirmed	60-69	Black/African American	Female	2449	245
Confirmed	70-79	Black/African American	Female	1572	336
Confirmed	80+	Black/African American	Female	1184	460
Confirmed	Unknown	Black/African American	Female	7	0
Confirmed	0-9	Multiple Races	Female	191	0
Confirmed	10-19	Multiple Races	Female	787	0
Confirmed	20-29	Multiple Races	Female	1503	Suppressed
Confirmed	30-39	Multiple Races	Female	1097	0
Confirmed	40-49	Multiple Races	Female	1181	Suppressed
Confirmed	50-59	Multiple Races	Female	1261	Suppressed
Confirmed	60-69	Multiple Races	Female	857	Suppressed
Confirmed	70-79	Multiple Races	Female	425	15
Confirmed	80+	Multiple Races	Female	326	27
Confirmed	Unknown	Multiple Races	Female	6	0
Confirmed	0-9	Other	Female	355	0
Confirmed	10-19	Other	Female	1055	0
Confirmed	20-29	Other	Female	1950	0
Confirmed	30-39	Other	Female	1437	Suppressed
Confirmed	40-49	Other	Female	1347	Suppressed
Confirmed	50-59	Other	Female	1005	6
Confirmed	60-69	Other	Female	620	17

Confirmed	70-79	Other	Female	369	22
Confirmed	80+	Other	Female	266	35
Confirmed	Unknown	Other	Female	Suppressed	0
Confirmed	0-9	Unknown	Female	588	0
Confirmed	10-19	Unknown	Female	2474	0
Confirmed	20-29	Unknown	Female	5459	Suppressed
Confirmed	30-39	Unknown	Female	4112	0
Confirmed	40-49	Unknown	Female	4414	Suppressed
Confirmed	50-59	Unknown	Female	4594	9
Confirmed	60-69	Unknown	Female	3013	20
Confirmed	70-79	Unknown	Female	1544	28
Confirmed	80+	Unknown	Female	1304	67
Confirmed	Unknown	Unknown	Female	66	0
Confirmed	0-9	White	Female	1858	0
Confirmed	10-19	White	Female	8764	0
Confirmed	20-29	White	Female	17101	Suppressed
Confirmed	30-39	White	Female	11345	11
Confirmed	40-49	White	Female	11495	27
Confirmed	50-59	White	Female	12717	89
Confirmed	60-69	White	Female	9916	243
Confirmed	70-79	White	Female	6582	532
Confirmed	80+	White	Female	6261	1471
Confirmed	Unknown	White	Female	51	0
Confirmed	0-9	American Indian/Alaska Native	Male	27	0
Confirmed	10-19	American Indian/Alaska Native	Male	66	0
Confirmed	20-29	American Indian/Alaska Native	Male	122	0
Confirmed	30-39	American Indian/Alaska Native	Male	112	0
Confirmed	40-49	American Indian/Alaska Native	Male	122	0
Confirmed	50-59	American Indian/Alaska Native	Male	107	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	80	10
Confirmed	70-79	American Indian/Alaska Native	Male	38	10
Confirmed	80+	American Indian/Alaska Native	Male	15	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	86	0
Confirmed	10-19	Asian/Pacific Islander	Male	195	0
Confirmed	20-29	Asian/Pacific Islander	Male	560	0
Confirmed	30-39	Asian/Pacific Islander	Male	435	0
Confirmed	40-49	Asian/Pacific Islander	Male	358	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	328	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	215	15
Confirmed	70-79	Asian/Pacific Islander	Male	92	22
Confirmed	80+	Asian/Pacific Islander	Male	49	19
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	349	0
Confirmed	10-19	Black/African American	Male	941	0
Confirmed	20-29	Black/African American	Male	3070	10
Confirmed	30-39	Black/African American	Male	3265	29
Confirmed	40-49	Black/African American	Male	3184	76
Confirmed	50-59	Black/African American	Male	3250	210
Confirmed	60-69	Black/African American	Male	2751	360

Confirmed	70-79	Black/African American	Male	1553	441
Confirmed	80+	Black/African American	Male	707	320
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	246	Suppressed
Confirmed	10-19	Multiple Races	Male	768	0
Confirmed	20-29	Multiple Races	Male	1232	0
Confirmed	30-39	Multiple Races	Male	876	0
Confirmed	40-49	Multiple Races	Male	944	Suppressed
Confirmed	50-59	Multiple Races	Male	997	7
Confirmed	60-69	Multiple Races	Male	751	23
Confirmed	70-79	Multiple Races	Male	408	17
Confirmed	80+	Multiple Races	Male	177	24
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	376	0
Confirmed	10-19	Other	Male	1058	0
Confirmed	20-29	Other	Male	2075	Suppressed
Confirmed	30-39	Other	Male	1589	Suppressed
Confirmed	40-49	Other	Male	1437	7
Confirmed	50-59	Other	Male	1169	10
Confirmed	60-69	Other	Male	691	34
Confirmed	70-79	Other	Male	354	29
Confirmed	80+	Other	Male	164	24
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	595	0
Confirmed	10-19	Unknown	Male	2407	0
Confirmed	20-29	Unknown	Male	5559	0
Confirmed	30-39	Unknown	Male	4389	Suppressed
Confirmed	40-49	Unknown	Male	4021	12
Confirmed	50-59	Unknown	Male	4606	13
Confirmed	60-69	Unknown	Male	3028	26
Confirmed	70-79	Unknown	Male	1402	41
Confirmed	80+	Unknown	Male	741	55
Confirmed	Unknown	Unknown	Male	57	0
Confirmed	0-9	White	Male	2028	0
Confirmed	10-19	White	Male	7616	0
Confirmed	20-29	White	Male	14117	10
Confirmed	30-39	White	Male	10497	17
Confirmed	40-49	White	Male	10572	50
Confirmed	50-59	White	Male	12457	169
Confirmed	60-69	White	Male	10270	406
Confirmed	70-79	White	Male	6665	753
Confirmed	80+	White	Male	4108	1180
Confirmed	Unknown	White	Male	43	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	7	0
Confirmed	20-29	Black/African American	Unknown	7	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	11	0
Confirmed	60-69	Black/African American	Unknown	6	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	Suppressed	0
Confirmed	10-19	Multiple Races	Unknown	6	0
Confirmed	20-29	Multiple Races	Unknown	14	0
Confirmed	30-39	Multiple Races	Unknown	7	0
Confirmed	40-49	Multiple Races	Unknown	8	0
Confirmed	50-59	Multiple Races	Unknown	6	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	11	0
Confirmed	30-39	Other	Unknown	11	0
Confirmed	40-49	Other	Unknown	10	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	6	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	Suppressed	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	27	0
Confirmed	10-19	Unknown	Unknown	109	0
Confirmed	20-29	Unknown	Unknown	214	0
Confirmed	30-39	Unknown	Unknown	112	0
Confirmed	40-49	Unknown	Unknown	146	0
Confirmed	50-59	Unknown	Unknown	126	0
Confirmed	60-69	Unknown	Unknown	73	0

Confirmed	70-79	Unknown	Unknown	27	0
Confirmed	80+	Unknown	Unknown	28	Suppressed
Confirmed	Unknown	Unknown	Unknown	17	0
Confirmed	0-9	White	Unknown	Suppressed	0
Confirmed	10-19	White	Unknown	39	0
Confirmed	20-29	White	Unknown	57	0
Confirmed	30-39	White	Unknown	31	0
Confirmed	40-49	White	Unknown	27	0
Confirmed	50-59	White	Unknown	23	0
Confirmed	60-69	White	Unknown	27	0
Confirmed	70-79	White	Unknown	10	0
Confirmed	80+	White	Unknown	10	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	11	0
Probable	10-19	American Indian/Alaska Native	Female	14	0
Probable	20-29	American Indian/Alaska Native	Female	24	0
Probable	30-39	American Indian/Alaska Native	Female	10	0
Probable	40-49	American Indian/Alaska Native	Female	9	0
Probable	50-59	American Indian/Alaska Native	Female	10	0
Probable	60-69	American Indian/Alaska Native	Female	7	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	11	0
Probable	10-19	Asian/Pacific Islander	Female	20	0
Probable	20-29	Asian/Pacific Islander	Female	36	0
Probable	30-39	Asian/Pacific Islander	Female	25	0
Probable	40-49	Asian/Pacific Islander	Female	14	0
Probable	50-59	Asian/Pacific Islander	Female	20	0
Probable	60-69	Asian/Pacific Islander	Female	9	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	43	0
Probable	10-19	Black/African American	Female	71	0
Probable	20-29	Black/African American	Female	175	0
Probable	30-39	Black/African American	Female	137	0
Probable	40-49	Black/African American	Female	156	Suppressed
Probable	50-59	Black/African American	Female	176	8
Probable	60-69	Black/African American	Female	128	12
Probable	70-79	Black/African American	Female	52	13
Probable	80+	Black/African American	Female	39	25
Probable	Unknown	Black/African American	Female	12	0
Probable	0-9	Multiple Races	Female	39	0
Probable	10-19	Multiple Races	Female	82	0
Probable	20-29	Multiple Races	Female	100	0
Probable	30-39	Multiple Races	Female	55	0
Probable	40-49	Multiple Races	Female	77	0
Probable	50-59	Multiple Races	Female	71	0
Probable	60-69	Multiple Races	Female	50	0

Probable	70-79	Multiple Races	Female	18	0
Probable	80+	Multiple Races	Female	11	Suppressed
Probable	Unknown	Multiple Races	Female	20	0
Probable	0-9	Other	Female	35	0
Probable	10-19	Other	Female	83	0
Probable	20-29	Other	Female	104	0
Probable	30-39	Other	Female	73	0
Probable	40-49	Other	Female	86	0
Probable	50-59	Other	Female	40	Suppressed
Probable	60-69	Other	Female	25	Suppressed
Probable	70-79	Other	Female	11	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	9	0
Probable	0-9	Unknown	Female	104	0
Probable	10-19	Unknown	Female	412	0
Probable	20-29	Unknown	Female	803	0
Probable	30-39	Unknown	Female	562	0
Probable	40-49	Unknown	Female	639	0
Probable	50-59	Unknown	Female	661	0
Probable	60-69	Unknown	Female	472	Suppressed
Probable	70-79	Unknown	Female	190	0
Probable	80+	Unknown	Female	136	8
Probable	Unknown	Unknown	Female	553	0
Probable	0-9	White	Female	400	0
Probable	10-19	White	Female	955	0
Probable	20-29	White	Female	1244	0
Probable	30-39	White	Female	786	0
Probable	40-49	White	Female	879	Suppressed
Probable	50-59	White	Female	902	Suppressed
Probable	60-69	White	Female	568	17
Probable	70-79	White	Female	293	26
Probable	80+	White	Female	237	70
Probable	Unknown	White	Female	163	0
Probable	0-9	American Indian/Alaska Native	Male	7	0
Probable	10-19	American Indian/Alaska Native	Male	19	0
Probable	20-29	American Indian/Alaska Native	Male	16	0
Probable	30-39	American Indian/Alaska Native	Male	9	0
Probable	40-49	American Indian/Alaska Native	Male	11	0
Probable	50-59	American Indian/Alaska Native	Male	8	0
Probable	60-69	American Indian/Alaska Native	Male	6	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	18	0
Probable	10-19	Asian/Pacific Islander	Male	16	0
Probable	20-29	Asian/Pacific Islander	Male	38	0
Probable	30-39	Asian/Pacific Islander	Male	29	0
Probable	40-49	Asian/Pacific Islander	Male	12	0
Probable	50-59	Asian/Pacific Islander	Male	13	0
Probable	60-69	Asian/Pacific Islander	Male	6	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	42	0
Probable	10-19	Black/African American	Male	75	0
Probable	20-29	Black/African American	Male	133	0
Probable	30-39	Black/African American	Male	122	0
Probable	40-49	Black/African American	Male	108	8
Probable	50-59	Black/African American	Male	123	8
Probable	60-69	Black/African American	Male	112	21
Probable	70-79	Black/African American	Male	50	27
Probable	80+	Black/African American	Male	22	15
Probable	Unknown	Black/African American	Male	6	0
Probable	0-9	Multiple Races	Male	41	0
Probable	10-19	Multiple Races	Male	75	0
Probable	20-29	Multiple Races	Male	92	0
Probable	30-39	Multiple Races	Male	53	0
Probable	40-49	Multiple Races	Male	61	Suppressed
Probable	50-59	Multiple Races	Male	53	0
Probable	60-69	Multiple Races	Male	39	0
Probable	70-79	Multiple Races	Male	17	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	26	0
Probable	0-9	Other	Male	31	0
Probable	10-19	Other	Male	81	0
Probable	20-29	Other	Male	100	0
Probable	30-39	Other	Male	87	0
Probable	40-49	Other	Male	87	0
Probable	50-59	Other	Male	42	0
Probable	60-69	Other	Male	25	Suppressed
Probable	70-79	Other	Male	11	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	9	0
Probable	0-9	Unknown	Male	126	0
Probable	10-19	Unknown	Male	419	0
Probable	20-29	Unknown	Male	694	0
Probable	30-39	Unknown	Male	555	Suppressed
Probable	40-49	Unknown	Male	495	Suppressed
Probable	50-59	Unknown	Male	548	0
Probable	60-69	Unknown	Male	357	Suppressed
Probable	70-79	Unknown	Male	148	Suppressed
Probable	80+	Unknown	Male	80	9
Probable	Unknown	Unknown	Male	411	0
Probable	0-9	White	Male	401	0
Probable	10-19	White	Male	847	0
Probable	20-29	White	Male	1069	Suppressed
Probable	30-39	White	Male	643	Suppressed
Probable	40-49	White	Male	679	Suppressed
Probable	50-59	White	Male	712	7
Probable	60-69	White	Male	513	18

Probable	70-79	White	Male	243	21
Probable	80+	White	Male	139	37
Probable	Unknown	White	Male	123	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	9	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	0	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	Suppressed	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	35	0
Probable	10-19	Unknown	Unknown	66	0
Probable	20-29	Unknown	Unknown	151	0
Probable	30-39	Unknown	Unknown	125	0
Probable	40-49	Unknown	Unknown	139	0
Probable	50-59	Unknown	Unknown	117	0
Probable	60-69	Unknown	Unknown	89	0
Probable	70-79	Unknown	Unknown	46	Suppressed
Probable	80+	Unknown	Unknown	10	0
Probable	Unknown	Unknown	Unknown	749	0
Probable	0-9	White	Unknown	9	0
Probable	10-19	White	Unknown	21	0
Probable	20-29	White	Unknown	14	0
Probable	30-39	White	Unknown	7	0
Probable	40-49	White	Unknown	14	0
Probable	50-59	White	Unknown	18	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	Suppressed	Suppressed
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	16	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-11-20

Updated	COUNTY	TestType	Count	RatePerMillion
2020/11/20 15:03:45	Alcona	Diagnostic	3167	304373
2020/11/20 15:03:45	Alcona	Serology	86	8265
2020/11/20 15:03:45	Alcona	Total	3253	312638
2020/11/20 15:03:45	Alger	Serology	136	14932
2020/11/20 15:03:45	Alger	Diagnostic	3473	381313
2020/11/20 15:03:45	Alger	Total	3609	396245
2020/11/20 15:03:45	Allegan	Diagnostic	55949	473819
2020/11/20 15:03:45	Allegan	Serology	1420	12026
2020/11/20 15:03:45	Allegan	Total	57369	485844
2020/11/20 15:03:45	Alpena	Diagnostic	5936	208977
2020/11/20 15:03:45	Alpena	Serology	311	10949
2020/11/20 15:03:45	Alpena	Total	6247	219926
2020/11/20 15:03:45	Antrim	Diagnostic	9370	401732
2020/11/20 15:03:45	Antrim	Serology	324	13891
2020/11/20 15:03:45	Antrim	Total	9694	415623
2020/11/20 15:03:45	Arenac	Diagnostic	6566	441174
2020/11/20 15:03:45	Arenac	Serology	234	15723
2020/11/20 15:03:45	Arenac	Total	6800	456897
2020/11/20 15:03:45	Baraga	Diagnostic	4343	529053
2020/11/20 15:03:45	Baraga	Serology	46	5604
2020/11/20 15:03:45	Baraga	Total	4389	534657
2020/11/20 15:03:45	Barry	Diagnostic	27750	450853
2020/11/20 15:03:45	Barry	Serology	1073	17433
2020/11/20 15:03:45	Barry	Total	28823	468286
2020/11/20 15:03:45	Bay	Diagnostic	60159	583354
2020/11/20 15:03:45	Bay	Serology	3204	31069
2020/11/20 15:03:45	Bay	Total	63363	614423
2020/11/20 15:03:45	Benzie	Diagnostic	7216	406169
2020/11/20 15:03:45	Benzie	Serology	328	18462
2020/11/20 15:03:45	Benzie	Total	7544	424631
2020/11/20 15:03:45	Berrien	Diagnostic	114010	743215
2020/11/20 15:03:45	Berrien	Serology	3083	20098
2020/11/20 15:03:45	Berrien	Total	117093	763313
2020/11/20 15:03:45	Branch	Diagnostic	20588	473102
2020/11/20 15:03:45	Branch	Serology	222	5101
2020/11/20 15:03:45	Branch	Total	20810	478204
2020/11/20 15:03:45	Calhoun	Diagnostic	105296	784860
2020/11/20 15:03:45	Calhoun	Serology	1058	7886
2020/11/20 15:03:45	Calhoun	Total	106354	792746
2020/11/20 15:03:45	Cass	Diagnostic	20753	400738
2020/11/20 15:03:45	Cass	Serology	382	7376
2020/11/20 15:03:45	Cass	Total	21135	408114
2020/11/20 15:03:45	Charlevoix	Serology	641	24519
2020/11/20 15:03:45	Charlevoix	Diagnostic	11750	449451
2020/11/20 15:03:45	Charlevoix	Total	12391	473970
2020/11/20 15:03:45	Cheboygan	Serology	316	12502
2020/11/20 15:03:45	Cheboygan	Diagnostic	6775	268041

2020/11/20 15:03:45	Cheboygan	Total	7091	280543
2020/11/20 15:03:45	Chippewa	Diagnostic	10978	293930
2020/11/20 15:03:45	Chippewa	Serology	174	4659
2020/11/20 15:03:45	Chippewa	Total	11152	298589
2020/11/20 15:03:45	Clare	Serology	537	17351
2020/11/20 15:03:45	Clare	Diagnostic	8110	262036
2020/11/20 15:03:45	Clare	Total	8647	279386
2020/11/20 15:03:45	Clinton	Serology	2823	35467
2020/11/20 15:03:45	Clinton	Diagnostic	29004	364395
2020/11/20 15:03:45	Clinton	Total	31827	399862
2020/11/20 15:03:45	Correctional	Diagnostic	306407	
2020/11/20 15:03:45	Correctional	Serology	12758	
2020/11/20 15:03:45	Correctional	Total	319165	
2020/11/20 15:03:45	Crawford	Diagnostic	4804	342434
2020/11/20 15:03:45	Crawford	Serology	170	12118
2020/11/20 15:03:45	Crawford	Total	4974	354551
2020/11/20 15:03:45	Delta	Diagnostic	22036	615806
2020/11/20 15:03:45	Delta	Serology	338	9446
2020/11/20 15:03:45	Delta	Total	22374	625252
2020/11/20 15:03:45	Detroit City	Diagnostic	400554	616423
2020/11/20 15:03:45	Detroit City	Serology	17398	26774
2020/11/20 15:03:45	Detroit City	Total	417952	643197
2020/11/20 15:03:45	Dickinson	Serology	79	3130
2020/11/20 15:03:45	Dickinson	Diagnostic	7981	316217
2020/11/20 15:03:45	Dickinson	Total	8060	319347
2020/11/20 15:03:45	Eaton	Serology	4427	40148
2020/11/20 15:03:45	Eaton	Diagnostic	63108	572315
2020/11/20 15:03:45	Eaton	Total	67535	612462
2020/11/20 15:03:45	Emmet	Diagnostic	15581	466288
2020/11/20 15:03:45	Emmet	Serology	1051	31453
2020/11/20 15:03:45	Emmet	Total	16632	497741
2020/11/20 15:03:45	Genesee	Diagnostic	176960	436063
2020/11/20 15:03:45	Genesee	Serology	12930	31862
2020/11/20 15:03:45	Genesee	Total	189890	467925
2020/11/20 15:03:45	Gladwin	Diagnostic	8075	317301
2020/11/20 15:03:45	Gladwin	Serology	474	18625
2020/11/20 15:03:45	Gladwin	Total	8549	335927
2020/11/20 15:03:45	Gogebic	Diagnostic	12293	879642
2020/11/20 15:03:45	Gogebic	Serology	147	10519
2020/11/20 15:03:45	Gogebic	Total	12440	890161
2020/11/20 15:03:45	Grand Traverse	Diagnostic	40262	432515
2020/11/20 15:03:45	Grand Traverse	Serology	2662	28597
2020/11/20 15:03:45	Grand Traverse	Total	42924	461112
2020/11/20 15:03:45	Gratiot	Diagnostic	28117	690649
2020/11/20 15:03:45	Gratiot	Serology	598	14689
2020/11/20 15:03:45	Gratiot	Total	28715	705338
2020/11/20 15:03:45	Hillsdale	Serology	409	8968
2020/11/20 15:03:45	Hillsdale	Diagnostic	21609	473830
2020/11/20 15:03:45	Hillsdale	Total	22018	482798
2020/11/20 15:03:45	Houghton	Serology	174	4876

2020/11/20 15:03:45	Houghton	Diagnostic	22249	623501
2020/11/20 15:03:45	Houghton	Total	22423	628377
2020/11/20 15:03:45	Huron	Diagnostic	15393	496853
2020/11/20 15:03:45	Huron	Serology	332	10716
2020/11/20 15:03:45	Huron	Total	15725	507569
2020/11/20 15:03:45	Ingham	Serology	14972	51203
2020/11/20 15:03:45	Ingham	Diagnostic	174975	598397
2020/11/20 15:03:45	Ingham	Total	189947	649600
2020/11/20 15:03:45	Ionia	Diagnostic	36967	571387
2020/11/20 15:03:45	Ionia	Serology	1368	21145
2020/11/20 15:03:45	Ionia	Total	38335	592531
2020/11/20 15:03:45	Iosco	Diagnostic	12111	481991
2020/11/20 15:03:45	Iosco	Serology	262	10427
2020/11/20 15:03:45	Iosco	Total	12373	492419
2020/11/20 15:03:45	Iron	Diagnostic	14168	1280318
2020/11/20 15:03:45	Iron	Serology	45	4067
2020/11/20 15:03:45	Iron	Total	14213	1284385
2020/11/20 15:03:45	Isabella	Diagnostic	24024	343829
2020/11/20 15:03:45	Isabella	Serology	718	10276
2020/11/20 15:03:45	Isabella	Total	24742	354105
2020/11/20 15:03:45	Jackson	Serology	1801	11362
2020/11/20 15:03:45	Jackson	Diagnostic	115822	730692
2020/11/20 15:03:45	Jackson	Total	117623	742054
2020/11/20 15:03:45	Kalamazoo	Diagnostic	153663	579716
2020/11/20 15:03:45	Kalamazoo	Serology	4234	15973
2020/11/20 15:03:45	Kalamazoo	Total	157897	595689
2020/11/20 15:03:45	Kalkaska	Diagnostic	9805	543575
2020/11/20 15:03:45	Kalkaska	Serology	321	17796
2020/11/20 15:03:45	Kalkaska	Total	10126	561370
2020/11/20 15:03:45	Kent	Diagnostic	446559	679741
2020/11/20 15:03:45	Kent	Serology	23804	36234
2020/11/20 15:03:45	Kent	Total	470363	715974
2020/11/20 15:03:45	Keweenaw	Diagnostic	1134	535917
2020/11/20 15:03:45	Keweenaw	Serology	20	9452
2020/11/20 15:03:45	Keweenaw	Total	1154	545369
2020/11/20 15:03:45	Lake	Serology	131	11052
2020/11/20 15:03:45	Lake	Diagnostic	5010	422678
2020/11/20 15:03:45	Lake	Total	5141	433730
2020/11/20 15:03:45	Lapeer	Serology	1902	21711
2020/11/20 15:03:45	Lapeer	Diagnostic	32703	373292
2020/11/20 15:03:45	Lapeer	Total	34605	395003
2020/11/20 15:03:45	Leelanau	Diagnostic	7224	331970
2020/11/20 15:03:45	Leelanau	Serology	425	19530
2020/11/20 15:03:45	Leelanau	Total	7649	351500
2020/11/20 15:03:45	Lenawee	Diagnostic	49200	499741
2020/11/20 15:03:45	Lenawee	Serology	1102	11193
2020/11/20 15:03:45	Lenawee	Total	50302	510934
2020/11/20 15:03:45	Livingston	Serology	5203	27100
2020/11/20 15:03:45	Livingston	Diagnostic	95948	499742
2020/11/20 15:03:45	Livingston	Total	101151	526842

2020/11/20 15:03:45	Luce	Diagnostic	3155	506502
2020/11/20 15:03:45	Luce	Serology	37	5940
2020/11/20 15:03:45	Luce	Total	3192	512442
2020/11/20 15:03:45	Mackinac	Diagnostic	4454	412446
2020/11/20 15:03:45	Mackinac	Serology	72	6667
2020/11/20 15:03:45	Mackinac	Total	4526	419113
2020/11/20 15:03:45	Macomb	Serology	33938	38832
2020/11/20 15:03:45	Macomb	Diagnostic	403517	461705
2020/11/20 15:03:45	Macomb	Total	437455	500537
2020/11/20 15:03:45	Manistee	Diagnostic	9154	372750
2020/11/20 15:03:45	Manistee	Serology	481	19586
2020/11/20 15:03:45	Manistee	Total	9635	392337
2020/11/20 15:03:45	Marquette	Diagnostic	64509	967166
2020/11/20 15:03:45	Marquette	Serology	996	14933
2020/11/20 15:03:45	Marquette	Total	65505	982099
2020/11/20 15:03:45	Mason	Diagnostic	16336	560527
2020/11/20 15:03:45	Mason	Serology	652	22372
2020/11/20 15:03:45	Mason	Total	16988	582899
2020/11/20 15:03:45	Mecosta	Serology	587	13509
2020/11/20 15:03:45	Mecosta	Diagnostic	21417	492877
2020/11/20 15:03:45	Mecosta	Total	22004	506386
2020/11/20 15:03:45	Menominee	Diagnostic	11145	489245
2020/11/20 15:03:45	Menominee	Serology	52	2283
2020/11/20 15:03:45	Menominee	Total	11197	491528
2020/11/20 15:03:45	Midland	Serology	3235	38903
2020/11/20 15:03:45	Midland	Diagnostic	24710	297152
2020/11/20 15:03:45	Midland	Total	27945	336055
2020/11/20 15:03:45	Missaukee	Diagnostic	4854	321074
2020/11/20 15:03:45	Missaukee	Serology	229	15148
2020/11/20 15:03:45	Missaukee	Total	5083	336222
2020/11/20 15:03:45	Monroe	Serology	2928	19455
2020/11/20 15:03:45	Monroe	Diagnostic	68209	453216
2020/11/20 15:03:45	Monroe	Total	71137	472671
2020/11/20 15:03:45	Montcalm	Diagnostic	38524	602993
2020/11/20 15:03:45	Montcalm	Serology	1366	21381
2020/11/20 15:03:45	Montcalm	Total	39890	624374
2020/11/20 15:03:45	Montmorency	Diagnostic	2773	297277
2020/11/20 15:03:45	Montmorency	Serology	195	20905
2020/11/20 15:03:45	Montmorency	Total	2968	318182
2020/11/20 15:03:45	Muskegon	Diagnostic	112263	646803
2020/11/20 15:03:45	Muskegon	Serology	1878	10820
2020/11/20 15:03:45	Muskegon	Total	114141	657623
2020/11/20 15:03:45	Newaygo	Serology	924	18865
2020/11/20 15:03:45	Newaygo	Diagnostic	23301	475725
2020/11/20 15:03:45	Newaygo	Total	24225	494590
2020/11/20 15:03:45	Oakland	Serology	74806	59484
2020/11/20 15:03:45	Oakland	Diagnostic	657869	523121
2020/11/20 15:03:45	Oakland	Total	732675	582605
2020/11/20 15:03:45	Oceana	Diagnostic	21096	797068
2020/11/20 15:03:45	Oceana	Serology	480	18136

2020/11/20 15:03:45	Oceana	Total	21576	815204
2020/11/20 15:03:45	Ogemaw	Diagnostic	7966	379388
2020/11/20 15:03:45	Ogemaw	Serology	268	12764
2020/11/20 15:03:45	Ogemaw	Total	8234	392151
2020/11/20 15:03:45	Ontonagon	Serology	43	7517
2020/11/20 15:03:45	Ontonagon	Diagnostic	5016	876923
2020/11/20 15:03:45	Ontonagon	Total	5059	884441
2020/11/20 15:03:45	Osceola	Diagnostic	12763	544032
2020/11/20 15:03:45	Osceola	Serology	449	19139
2020/11/20 15:03:45	Osceola	Total	13212	563171
2020/11/20 15:03:45	Oscoda	Diagnostic	2519	305667
2020/11/20 15:03:45	Oscoda	Serology	95	11528
2020/11/20 15:03:45	Oscoda	Total	2614	317195
2020/11/20 15:03:45	Otsego	Serology	385	15607
2020/11/20 15:03:45	Otsego	Diagnostic	8634	350008
2020/11/20 15:03:45	Otsego	Total	9019	365615
2020/11/20 15:03:45	Ottawa	Serology	7156	24521
2020/11/20 15:03:45	Ottawa	Diagnostic	191819	657297
2020/11/20 15:03:45	Ottawa	Total	198975	681818
2020/11/20 15:03:45	Presque Isle	Serology	242	19219
2020/11/20 15:03:45	Presque Isle	Diagnostic	4459	354114
2020/11/20 15:03:45	Presque Isle	Total	4701	373332
2020/11/20 15:03:45	Roscommon	Diagnostic	10090	420084
2020/11/20 15:03:45	Roscommon	Serology	394	16404
2020/11/20 15:03:45	Roscommon	Total	10484	436488
2020/11/20 15:03:45	Saginaw	Serology	4043	21219
2020/11/20 15:03:45	Saginaw	Diagnostic	127009	666577
2020/11/20 15:03:45	Saginaw	Total	131052	687796
2020/11/20 15:03:45	Sanilac	Diagnostic	22468	545737
2020/11/20 15:03:45	Sanilac	Serology	596	14477
2020/11/20 15:03:45	Sanilac	Total	23064	560214
2020/11/20 15:03:45	Schoolcraft	Diagnostic	3136	387447
2020/11/20 15:03:45	Schoolcraft	Serology	47	5807
2020/11/20 15:03:45	Schoolcraft	Total	3183	393254
2020/11/20 15:03:45	Shiawassee	Diagnostic	35658	523443
2020/11/20 15:03:45	Shiawassee	Serology	1785	26203
2020/11/20 15:03:45	Shiawassee	Total	37443	549646
2020/11/20 15:03:45	St Clair	Diagnostic	64541	405592
2020/11/20 15:03:45	St Clair	Serology	4714	29624
2020/11/20 15:03:45	St Clair	Total	69255	435216
2020/11/20 15:03:45	St Joseph	Diagnostic	30064	493143
2020/11/20 15:03:45	St Joseph	Serology	996	16338
2020/11/20 15:03:45	St Joseph	Total	31060	509481
2020/11/20 15:03:45	Tuscola	Diagnostic	35468	678878
2020/11/20 15:03:45	Tuscola	Serology	978	18719
2020/11/20 15:03:45	Tuscola	Total	36446	697598
2020/11/20 15:03:45	Unknown	Serology	19001	
2020/11/20 15:03:45	Unknown	Diagnostic	261915	
2020/11/20 15:03:45	Unknown	Total	280916	
2020/11/20 15:03:45	Van Buren	Diagnostic	51431	679612

2020/11/20 15:03:45	Van Buren	Serology	913	12064
2020/11/20 15:03:45	Van Buren	Total	52344	691676
2020/11/20 15:03:45	Washtenaw	Serology	12039	32750
2020/11/20 15:03:45	Washtenaw	Diagnostic	257431	700300
2020/11/20 15:03:45	Washtenaw	Total	269470	733050
2020/11/20 15:03:45	Wayne	Diagnostic	667386	604619
2020/11/20 15:03:45	Wayne	Serology	49429	44780
2020/11/20 15:03:45	Wayne	Total	716815	649400
2020/11/20 15:03:45	Wexford	Diagnostic	14091	418988
2020/11/20 15:03:45	Wexford	Serology	489	14540
2020/11/20 15:03:45	Wexford	Total	14580	433529

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-11-20

MessageDate	COUNTY	Negative	Positive	Total
11/19/2020	Alcona	7	0	7
11/19/2020	Alger	6	3	9
11/19/2020	Allegan	506	100	606
11/19/2020	Alpena	73	10	83
11/19/2020	Antrim	80	11	91
11/19/2020	Arenac	38	3	41
11/19/2020	Baraga	44	12	56
11/19/2020	Barry	302	33	335
11/19/2020	Bay	700	105	805
11/19/2020	Benzie	53	6	59
11/19/2020	Berrien	1203	175	1378
11/19/2020	Branch	263	80	343
11/19/2020	Calhoun	1135	121	1256
11/19/2020	Cass	239	45	284
11/19/2020	Charlevoix	171	21	192
11/19/2020	Cheboygan	94	6	100
11/19/2020	Chippewa	184	163	347
11/19/2020	Clare	70	7	77
11/19/2020	Clinton	260	23	283
11/19/2020	Correctional	8313	1066	9379
11/19/2020	Crawford	22	8	30
11/19/2020	Delta	287	40	327
11/19/2020	Detroit City	2945	268	3213
11/19/2020	Dickinson	97	33	130
11/19/2020	Eaton	504	81	585
11/19/2020	Emmet	224	13	237
11/19/2020	Genesee	1885	414	2299
11/19/2020	Gladwin	36	10	46
11/19/2020	Gogebic	76	8	84
11/19/2020	Grand Traverse	368	37	405
11/19/2020	Gratiot	439	39	478
11/19/2020	Hillsdale	353	63	416
11/19/2020	Houghton	437	38	475
11/19/2020	Huron	137	13	150
11/19/2020	Ingham	1625	130	1755
11/19/2020	Ionia	363	40	403
11/19/2020	Iosco	37	6	43
11/19/2020	Iron	159	7	166
11/19/2020	Isabella	250	34	284
11/19/2020	Jackson	1191	131	1322
11/19/2020	Kalamazoo	1826	252	2078
11/19/2020	Kalkaska	56	10	66
11/19/2020	Kent	3896	670	4566
11/19/2020	Keweenaw	25	4	29
11/19/2020	Lake	19	4	23
11/19/2020	Lapeer	399	46	445
11/19/2020	Leelanau	95	4	99

11/19/2020	Lenawee	921	142	1063
11/19/2020	Livingston	1311	237	1548
11/19/2020	Luce	54	0	54
11/19/2020	Mackinac	83	1	84
11/19/2020	Macomb	4986	1123	6109
11/19/2020	Manistee	128	0	128
11/19/2020	Marquette	595	101	696
11/19/2020	Mason	111	8	119
11/19/2020	Mecosta	121	14	135
11/19/2020	Menominee	160	28	188
11/19/2020	Midland	297	25	322
11/19/2020	Missaukee	29	11	40
11/19/2020	Monroe	1406	243	1649
11/19/2020	Montcalm	346	43	389
11/19/2020	Montmorency	49	12	61
11/19/2020	Muskegon	959	327	1286
11/19/2020	Newaygo	136	21	157
11/19/2020	Oakland	8384	1652	10036
11/19/2020	Oceana	129	30	159
11/19/2020	Ogemaw	64	12	76
11/19/2020	Ontonagon	21	6	27
11/19/2020	Osceola	74	10	84
11/19/2020	Oscoda	14	4	18
11/19/2020	Otsego	151	15	166
11/19/2020	Ottawa	2042	318	2360
11/19/2020	Presque Isle	62	4	66
11/19/2020	Roscommon	163	18	181
11/19/2020	Saginaw	949	176	1125
11/19/2020	Sanilac	346	33	379
11/19/2020	Schoolcraft	155	3	158
11/19/2020	Shiawassee	560	91	651
11/19/2020	St Clair	902	223	1125
11/19/2020	St Joseph	235	46	281
11/19/2020	Tuscola	322	80	402
11/19/2020	Unknown	2230	193	2423
11/19/2020	Van Buren	512	96	608
11/19/2020	Washtenaw	3638	298	3936
11/19/2020	Wayne	8405	1536	9941
11/19/2020	Wexford	95	13	108